

HW 8 writeup

For this assignment we need to do port scanning and commit a DoS attack. We can see the ports in Wireshark and the open ports are returned in openports.txt.

Port scanning:

292.461440	128.46.4.101	10.186.172.151	TCP	60	1011 → 52596 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
292.569597	10.186.172.151	128.46.4.101	TCP	66	52597 → 1012 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
292.573338	128.46.4.101	10.186.172.151	TCP	60	1012 → 52597 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
292.676464	10.186.172.151	128.46.4.101	TCP	66	52598 → 1013 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
292.680004	128.46.4.101	10.186.172.151	TCP	60	1013 → 52598 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
292.794873	10.186.172.151	128.46.4.101	TCP	66	52599 → 1014 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
292.798203	128.46.4.101	10.186.172.151	TCP	60	1014 → 52599 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
292.910751	10.186.172.151	128.46.4.101	TCP	66	52600 → 1015 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
292.913883	128.46.4.101	10.186.172.151	TCP	60	1015 → 52600 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.027134	10.186.172.151	128.46.4.101	TCP	66	52601 → 1016 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.031320	128.46.4.101	10.186.172.151	TCP	60	1016 → 52601 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.141846	10.186.172.151	128.46.4.101	TCP	66	52602 → 1017 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.145173	128.46.4.101	10.186.172.151	TCP	60	1017 → 52602 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.251896	10.186.172.151	128.46.4.101	TCP	66	52603 → 1018 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.255274	128.46.4.101	10.186.172.151	TCP	60	1018 → 52603 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.359653	10.186.172.151	128.46.4.101	TCP	66	52604 → 1019 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.363839	128.46.4.101	10.186.172.151	TCP	60	1019 → 52604 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.474501	10.186.172.151	128.46.4.101	TCP	66	52605 → 1020 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.478072	128.46.4.101	10.186.172.151	TCP	60	1020 → 52605 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.576247	10.186.172.151	128.46.4.101	TCP	66	52606 → 1021 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.578559	128.46.4.101	10.186.172.151	TCP	60	1021 → 52606 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.682606	10.186.172.151	128.46.4.101	TCP	66	52607 → 1022 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.686195	128.46.4.101	10.186.172.151	TCP	60	1022 → 52607 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0
293.792103	10.186.172.151	128.46.4.101	TCP	66	52608 → 1023 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM
293.795551	128.46.4.101	10.186.172.151	TCP	60	1023 → 52608 [RST, ACK] Seq=1 Ack=1 Win=0 Len=0

Sending 10 packets:

293.966613	10.1.1.1	128.46.4.101	TCP	54	32464 → 22 [SYN] Seq=0 Win=8192 Len=0
294.010041	10.1.1.1	128.46.4.101	TCP	54	27323 → 22 [SYN] Seq=0 Win=8192 Len=0
294.024398	10.1.1.1	128.46.4.101	TCP	54	29916 → 22 [SYN] Seq=0 Win=8192 Len=0
294.043349	10.1.1.1	128.46.4.101	TCP	54	5132 → 22 [SYN] Seq=0 Win=8192 Len=0
294.056538	10.1.1.1	128.46.4.101	TCP	54	9102 → 22 [SYN] Seq=0 Win=8192 Len=0
294.069186	10.1.1.1	128.46.4.101	TCP	54	45401 → 22 [SYN] Seq=0 Win=8192 Len=0
294.083852	10.1.1.1	128.46.4.101	TCP	54	3336 → 22 [SYN] Seq=0 Win=8192 Len=0
294.091814	10.1.1.1	128.46.4.101	TCP	54	7143 → 22 [SYN] Seq=0 Win=8192 Len=0
294.104541	10.1.1.1	128.46.4.101	TCP	54	34203 → 22 [SYN] Seq=0 Win=8192 Len=0
294.119132	10.1.1.1	128.46.4.101	TCP	54	43508 → 22 [SYN] Seq=0 Win=8192 Len=0

openPorts.txt	
1	22
2	111
3	443
4	904
5	1010
6	